

ABSTRACT

A heat exchanger includes a refrigerant inlet-outlet tank, a refrigerant turn tank, and tube groups in the form of at least two rows arranged between the two tanks, and each including a plurality of heat exchange tubes. The refrigerant inlet-outlet tank has its interior divided into a refrigerant inlet header chamber and a refrigerant outlet header chamber. The refrigerant turn tank has its interior divided by a divided flow control plate into a refrigerant inflow header chamber and a refrigerant outflow header chamber. The divided flow control plate has refrigerant dam portions at respective opposite end portions thereof, and a refrigerant passing portion provided between the dam portions and having one or at least two refrigerant passing holes. The heat exchanger exhibits improved heat exchange performance when used as an evaporator.